



UI-TF-03050

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Milton Feng, Nick Holonyak, Jr. and Walid Hafez

Serial No. : 10/646,457

Group: 2811

Filed : August 22, 2003

For : LIGHT EMITTING DEVICE AND METHOD

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on April 5, 2004  
(Date of Deposit)

Martin Novack  
Name of applicant, assignee, or registered rep.  
Martin Novack April 5, 2004  
Signature Date

Applicant submits herewith a Form PTO-1449, and copies of the documents listed thereon.

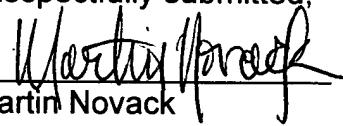
To the best of Applicant's knowledge, this Supplemental Information Disclosure Statement is being filed before the first Office Action on the merits in the present application, so no fee is due under Rule 97.

The listed documents are brought to the Examiner's attention because they are known to Applicant and/or Applicant's attorney and may be considered by the Examiner to be material to the examination of this application. This submission should not be

construed as a representation that a search has been made or that no better art exists.

No inference should be made that the documents constitute prior art or are in fact material merely because they are referenced in this submission.

Respectfully submitted,

  
\_\_\_\_\_  
Martin Novack  
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April 6, 2004

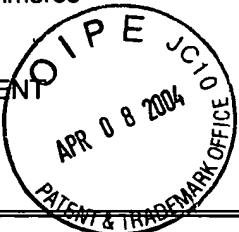
(G-3)

Form PTO-1449 U.S. Department of Commerce  
Patent and Trademark Office

## INFORMATION DISCLOSURE STATEMENT

BY APPLICANT

(Use several sheets if necessary)



ATTY DOCKET NO. SERIAL NO.  
UI-TF-03050 10/646,457  
APPLICANT: EXAMINER  
M. Feng, N. Holonyak, & W. Hafez  
FILING DATE: GROUP  
August 22, 2003 2811

## U.S. PATENT DOCUMENTS

Exam. Init.		Document Number	Date	Name	Class	Sub Class	filng date if appropriate
		5,389,804	02/14/95	Yokoyama et al.	257	197	
		5,399,880	03/21/95	Chand	257	21	
		5,780,880	07/14/98	Enquist	257	197	

## FOREIGN PATENT DOCUMENTS

Init.		Document Number	Date	Country	Class	Sub Class	Translation Yes/No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	P. Enquist, A. Paolella, A.S. Morris, F.E. Reed, L. DeBarros, A.J. Tessmer, and J.A. Hutchby, "Performance Evaluation Of Heterojunction Bipolar Transistors Designed For High Optical Gain", Research Triangle Institute, Research Triangle Park, NC, ARL, Research Laboratory, Ft. Monmouth, NJ, Applied Research and Technology, Wake Forest, NC, , IEEE, pgs. 278-287, 1995
	Yukihiko Arai, Masaaki Sakuta, Hiroshi Takano, Takashi Usikubo, Ryozo Furukawa, and Masao Kobayashi, "Optical Devices From AlGaAs-GaAs HBTs Heavily Doped With Amphoteric Si", IEEE Transactions On Electron Devices, pgs. 632-638, Vo. 42. No. 4, April 1995.

## EXAMINER

## DATE CONSIDERED

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.